

KEY:

Red text: Changes to be made to DB ontology that were unable to be made during last ontology update (for Editorial Office Use Only)

TS27 urinary and reproductive systems (P0 – P3)

EMAP:30155	mouse
EMAP:30154	└ organ system
EMAP:30153	└ visceral organ
EMAP:30243	└ urinary system
EMAP:30400	└ mesentery
EMAP:30401	└ rest of mesentery
EMAP:30402	└ urogenital mesentery
EMAP:30247	└ metanephros (syn: kidney)
EMAP:30249	└ renal capsule
EMAP:30282	└ nephrogenic zone
EMAP:30283	└ nephrogenic interstitium (syn: peripheral blastema)
EMAP:30284	└ cap mesenchyme (syn: condensed mesenchyme)
EMAP:30285	└ pretubular aggregate (syn: pretubular condensate)
EMAP:30248	└ ureteric tip (syn: ureteric ampulla)
EMAP:31052	└ ureteric tree terminal branch excluding tip itself
EMAP:30287	└ renal cortex
EMAP:30316	└ renal vesicle (syn: epithelial vesicle; stage I nephron)
EMAP:31699	└ renal connecting segment of renal vesicle
EMAP:31730	└ distal renal vesicle
EMAP:31724	└ proximal renal vesicle
EMAP:30303	└ comma-shaped body
EMAP:30304	└ upper limb of comma-shaped body (syn: distal limb of comma-shaped body)
EMAP:30305	└ lower limb of comma-shaped body (syn: proximal limb of comma-shaped body)
EMAP:31716	└ renal connecting segment of comma-shaped body
EMAP:30319	└ s-shaped body (syn: stage II nephron)
EMAP:30324	└ renal connecting tubule of s-shaped body
EMAP:30320	└ distal segment of s-shaped body (syn: upper limb of s-shaped body)
EMAP:30325	└ medial segment of s-shaped body (syn: mid-portion of s-shaped body)
EMAP:30321	└ proximal segment of s-shaped body (syn: lower limb of s-shaped body)
EMAP:30322	└ visceral epithelium
EMAP:30323	└ parietal epithelium
EMAP:30307	└ capillary loop renal corpuscle (syn: renal corpuscle of the stage III nephron)
EMAP:30311	└ associated interstitium of renal corpuscle
EMAP:30312	└ parietal epithelium
EMAP:30310	└ presumptive endothelium of renal corpuscle
EMAP:30309	└ presumptive mesangium
EMAP:30308	└ visceral epithelium (syn: podocyte layer)
EMAP:30264	└ maturing renal corpuscle (syn: renal corpuscle of Stage IV nephron)
EMAP:30268	└ maturing glomerular tuft (syn: maturing glomerulus)
EMAP:30271	└ glomerular capillary system of maturing glomerular tuft
EMAP:30270	└ glomerular mesangium
EMAP:30269	└ visceral epithelium (syn: podocyte layer)
EMAP:30971	└ glomerular basement membrane
EMAP:30272	└ Bowman's capsule (syn: glomerular capsule)
EMAP:30274	└ parietal epithelium
EMAP:30273	└ urinary space of renal corpuscle (syn: Bowman's space)
EMAP:30275	└ glomerular mesangium of Bowman's capsule
EMAP:30265	└ juxtaglomerular arteriole
EMAP:30266	└ afferent arteriole
EMAP:30267	└ efferent arteriole
EMAP:30289	└ mature renal corpuscle (syn: Malpighian corpuscle)
EMAP:30291	└ glomerular tuft (syn: glomerulus)
EMAP:30294	└ glomerular capillary system
EMAP:30295	└ glomerular mesangium
EMAP:30293	└ glomerular basement membrane
EMAP:30292	└ visceral epithelium (syn: podocyte layer)
EMAP:30300	└ Bowman's capsule (syn: glomerular capsule)
EMAP:30301	└ parietal epithelium
EMAP:30302	└ urinary space of renal corpuscle (syn: Bowman's space)
EMAP:30296	└ afferent arteriole
EMAP:30297	└ part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell)
EMAP:30298	└ rest of afferent arteriole
EMAP:30290	└ efferent arteriole
EMAP:30299	└ extraglomerular mesangium
EMAP:30253	└ cortical renal tubule

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EMAP:30254		- renal proximal tubule
EMAP:30255		- early proximal tubule
EMAP:31707		- early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31615		- early proximal tubule of maturing nephron
EMAP:30256		- renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:31287		- anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:30257		- renal distal tubule
EMAP:30261		- early distal tubule
EMAP:31642		- early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31621		- early distal tubule of maturing nephron
EMAP:30262		- distal convoluted tubule (syn: second convoluted tubule)
EMAP:30258		- distal straight tubule (syn: thick ascending limb)
EMAP:31382		- premacula segment of distal straight tubule
EMAP:30260		- macula densa
EMAP:30259		- postmacula segment
EMAP:30263		- renal connecting tubule
EMAP:31627		- renal connecting tubule of capillary loop nephron
EMAP:31633		- renal connecting tubule of maturing nephron
EMAP:31636		- renal connecting tubule of mature nephron
EMAP:30281		- cortical collecting duct
EMAP:30315		- renal cortical interstitium (syn: cortical stroma)
EMAP:31294		- renal cortical fibroblasts
EMAP:31302		- resident macrophages of the cortex (syn: renal monocytes of the cortex)
EMAP:31310		- rest of renal cortical interstitium
EMAP:30326		- renal cortical vasculature
EMAP:30328		- renal cortical arterial system
EMAP:30330		- interlobular artery
EMAP:30329		- arcuate artery
EMAP:30331		- renal cortical venous system
EMAP:30333		- interlobular vein
EMAP:30332		- arcuate vein
EMAP:30327		- renal cortical capillary
EMAP:31317		- renal cortical lymphatics
EMAP:31324		- renal cortical nerves
EMAP:30334		- renal medulla
EMAP:31459		- renal medullary interstitium (syn: medullary stroma)
EMAP:31331		- renal medullary fibroblasts
EMAP:31338		- resident macrophages of the medulla (syn: renal monocytes of the medulla)
EMAP:31345		- rest of renal medullary interstitium
EMAP:30343		- outer medulla
EMAP:30351		- loop of Henle, outer medullary portion
EMAP:30353		- thin descending limb
EMAP:30352		- thin ascending limb (syn: ascending thin limb)
EMAP:30356		- proximal straight tubule (syn: pars recta; segment 3 of proximal tubule)
EMAP:30354		- premacula segment of distal straight tubule (syn: thick ascending limb)
EMAP:30350		- outer medullary interstitium
EMAP:31387		- outer medullary fibroblast
EMAP:31392		- resident macrophage of the outer medulla (syn: renal monocytes of the outer medulla)
EMAP:31397		- rest of outer medullary interstitium
EMAP:30349		- outer medullary collecting duct
EMAP:30335		- inner medulla (syn: papilla)
EMAP:30339		- loop of Henle, inner medullary portion
EMAP:30341		- thin descending limb
EMAP:30340		- bend (syn: U-turn)
EMAP:30342		- thin ascending limb (syn: ascending thin limb)
EMAP:30337		- inner medullary interstitium (syn: papillary interstitium)
EMAP:31402		- inner medullary fibroblast
EMAP:31407		- resident macrophage of the inner medulla (syn: renal monocytes of the inner medulla)
EMAP:30336		- inner medullary collecting duct (syn: papillary collecting duct)
EMAP:30357		- renal medullary vasculature
EMAP:30358		- renal medullary arterial system
EMAP:30360		- renal medullary venous system
EMAP:30359		- renal medullary capillary (syn: vasa recta)
EMAP:31352		- renal medullary lymphatics
EMAP:31359		- renal medullary nerves
EMAP:30250		- calyx
EMAP:30251		- major
EMAP:30252		- minor
EMAP:30276		- pelvis
EMAP:30278		- pelvic urothelial lining (syn: pelvic urothelium)
EMAP:30277		- pelvic smooth muscle
EMAP:30279		- perihilar interstitium

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EMAP:31365	perihilar fibroblast
EMAP:31371 interstitium)	resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar
EMAP:31377	L rest of perihilar interstitium
EMAP:30244	- renal artery
EMAP:30245	endothelial layer of renal artery
EMAP:30465	endothelium of renal artery
EMAP:30246	L smooth muscle layer of renal artery
EMAP:30404	- renal vein
EMAP:30405	endothelial layer of renal vein
EMAP:30466	endothelium of renal vein
EMAP:30406	L smooth muscle layer of renal vein
EMAP:30363	- ureter
EMAP:30369	urothelium (syn: transitional epithelium)
EMAP:30373	superficial cellular layer (syn: umbrella cell)
EMAP:30370	L deep cellular layer (syn: basal urothelium)
EMAP:30371	intermediate cell layer
EMAP:30372	L basal cell layer
EMAP:30367	lamina propria
EMAP:30364	ureteral smooth muscle layer
EMAP:30365	smooth muscle component
EMAP:30366	L interstitium (syn: Cajal cell)
EMAP:30368	adventitia of ureter
EMAP:30858	L ureteral vasculature
EMAP:30374	- bladder
EMAP:30380	epithelium of bladder (syn: urothelium)
EMAP:30382	epithelium of fundus
EMAP:30381	epithelium of trigone
EMAP:30383	L epithelium of neck
EMAP:30396	lamina propria of the bladder
EMAP:30397	lamina propria of fundus
EMAP:30398	lamina propria of trigone
EMAP:30399	L lamina propria of neck
EMAP:30388	muscularis mucosa of bladder
EMAP:30390	muscularis mucosa of fundus
EMAP:30389	muscularis mucosa of trigone
EMAP:30391	L muscularis mucosa of neck
EMAP:30376	detrusor muscle of bladder
EMAP:30378	detrusor muscle of fundus
EMAP:30377	detrusor muscle of trigone
EMAP:30379	L detrusor muscle of neck
EMAP:30392	serosa of bladder
EMAP:30395	serosa of fundus
EMAP:30393	serosa of trigone
EMAP:30394	L serosa of neck
EMAP:30384	adventitia of bladder
EMAP:30385	adventitia of fundus
EMAP:30387	adventitia of trigone
EMAP:30386	L adventitia of neck
EMAP:30375	blood vessels of bladder
EMAP:31659	nerve of bladder
EMAP:30403	- urachus
EMAP:30418	- urethra of female
EMAP:30419	pelvic urethra of female
EMAP:30421	epithelial layer of pelvic urethra of female
EMAP:30422	mesenchymal layer of pelvic urethra of female
EMAP:30420	muscle layer of pelvic urethra of female
EMAP:31799	L nerve of pelvic urethra of female
EMAP:30922	phallic urethra of female (syn: external urethra of female)
EMAP:30933	epithelial layer of phallic urethra of female
EMAP:30937	mesenchymal layer of phallic urethra of female
EMAP:30941	muscle layer of phallic urethra of female
EMAP:31740	L nerve of phallic urethra of female
EMAP:30407	- urethra of male
EMAP:30412	pelvic urethra of male
EMAP:30415	epithelial layer of pelvic urethra of male
EMAP:30414	mesenchymal layer of pelvic urethra of male
EMAP:30413	muscle layer of pelvic urethra of male
EMAP:31789	L nerve of pelvic urethra of male
EMAP:30408	phallic urethra of male (syn: external urethra of male)
EMAP:30409	epithelial layer of phallic urethra of male
EMAP:30411	mesenchymal layer of phallic urethra of male
EMAP:30410	muscle layer of phallic urethra of male

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EMAP:31805	└ nerve of phallic urethra of male
EMAP:30416	└ urorectal septum
EMAP:31648	└ pelvic ganglion
EMAP:30156	└ reproductive system
EMAP:30157	└ male reproductive system
EMAP:30171	└ testis
EMAP:30185	└ rete testis
EMAP:30176	└ interstitium of the testis (syn: interstitial tissue)
EMAP:30178	└ fetal Leydig cell
EMAP:30177	└ rest of interstitium of the testis (syn: non-specific mesenchyme)
EMAP:30179	└ tunica vaginalis testis
EMAP:30181	└ seminiferous cord (syn: seminiferous tubule)
EMAP:30184	└ Sertoli cell
EMAP:30183	└ germ cell of testis
EMAP:30182	└ peritubular myoid cell
EMAP:30175	└ mediastinum testis
EMAP:30172	└ developing vasculature of the testis
EMAP:30173	└ coelomic vessel
EMAP:30174	└ interstitial vessel
EMAP:30180	└ tunica albuginea of testis
EMAP:31243	└ surface epithelium of testis
EMAP:30186	└ cystic vesicular appendage
EMAP:30198	└ inguinal canal
EMAP:30165	└ inguinal ring
EMAP:30167	└ external inguinal ring
EMAP:30166	└ internal inguinal ring
EMAP:30188	└ seminal vesicle (syn: vesicular seminalis)
EMAP:30189	└ glandular tissue of seminal vesicle
EMAP:30190	└ duct of the seminal vesicle
EMAP:30196	└ efferent duct of seminal vesicle (syn: vasa efferentia)
EMAP:30199	└ epididymis
EMAP:30200	└ caput epididymis
EMAP:30615	└ epithelium of caput of epididymis
EMAP:30619	└ muscle layer of caput of epididymis
EMAP:30623	└ adventitia of caput of epididymis
EMAP:31208	└ developing vasculature of caput epididymis
EMAP:30202	└ cauda epididymis
EMAP:30591	└ epithelium of cauda of epididymis
EMAP:30595	└ muscle layer of cauda of epididymis
EMAP:30599	└ adventitia of cauda of epididymis
EMAP:31198	└ developing vasculature of cauda epididymis
EMAP:30201	└ corpus epididymis
EMAP:30603	└ epithelium of corpus epididymis
EMAP:30607	└ muscle layer of corpus of epididymis
EMAP:30611	└ adventitia of corpus of epididymis
EMAP:31203	└ developing vasculature of corpus epididymis
EMAP:31187	└ developing vasculature of epididymis
EMAP:30168	└ ductus deferens (syn: vas deferens)
EMAP:30170	└ epithelium of ductus deferens
EMAP:30169	└ muscle layer of ductus deferens
EMAP:30753	└ outer layer of ductus deferens
EMAP:31193	└ developing vasculature of ductus deferens
EMAP:30158	└ appendix epididymis
EMAP:30195	└ appendix testis
EMAP:30160	└ ejaculatory duct
EMAP:30192	└ male accessory gland
EMAP:30193	└ bulbourethral gland (syn: Cowper's gland)
EMAP:30194	└ prostate gland
EMAP:30187	└ gubernaculum (syn: caudal suspensory ligament)
EMAP:30159	└ mesorchium
EMAP:30161	└ penis (syn: genital tubercle of male)
EMAP:30162	└ glans penis
EMAP:30649	└ surface epithelium of glans penis
EMAP:30645	└ mesenchyme of glans penis
EMAP:30164	└ crus penis
EMAP:30671	└ surface epithelium of crus penis
EMAP:30667	└ mesenchyme of crus penis
EMAP:30163	└ prepuce of male
EMAP:30658	└ prepuce surface epithelium of male
EMAP:30662	└ preputial gland of male
EMAP:30653	└ prepuce mesenchyme of male
EMAP:30736	└ scrotal fold

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EMAP:30742	scrotal fold mesenchyme of male
EMAP:30739	scrotal fold surface epithelium of male
EMAP:30203	female reproductive system
EMAP:30224	ovary
EMAP:30232	surface epithelium of ovary (syn: coelomic epithelium)
EMAP:30525	tunica albuginea of ovary (syn: ovarian capsule)
EMAP:30227	mesenchymal stroma of ovary
EMAP:30228	cortical component of mesenchymal stroma
EMAP:31044	rest of cortical component of mesenchymal stroma of ovary
EMAP:31039	pre-granulosa cell
EMAP:30229	medullary component of mesenchymal stroma
EMAP:31033	meiotic oocytes
EMAP:31245	primordial follicle
EMAP:31246	oocyte of primordial follicle
EMAP:31248	follicle cell of primordial follicle (syn: granulosa cell)
EMAP:30231	developing vasculature of ovary
EMAP:30225	rete ovarii of ovary
EMAP:30208	mesovarium
EMAP:30219	cystic vesicular appendage
EMAP:30218	suspensory ligament of ovary
EMAP:30209	MÜllerian tubercle
EMAP:30214	oviduct
EMAP:30215	epithelial layer of oviduct
EMAP:30216	muscle layer of oviduct
EMAP:30217	outer layer of oviduct
EMAP:31218	developing vasculature of oviduct
EMAP:30205	uterine horn (syn: uterus)
EMAP:30207	epithelium (syn: endometrium)
EMAP:30206	muscular layer (syn: myometrium)
EMAP:31213	developing vasculature of uterine horn
EMAP:30679	outer layer of uterine horn
EMAP:30236	vagina
EMAP:30237	lower part of vagina
EMAP:30238	epithelial layer of lower part of vagina
EMAP:30239	muscular layer of lower part of vagina
EMAP:31228	developing vasculature of lower part of vagina
EMAP:30240	upper part of vagina
EMAP:30241	epithelial layer of upper part of vagina
EMAP:30242	muscular layer of upper part of vagina
EMAP:31223	developing vasculature of upper part of vagina
EMAP:30211	genital tubercle of female (syn: clitoris anlage)
EMAP:30213	glans clitoris
EMAP:30723	surface epithelium of glans clitoris
EMAP:30718	mesenchyme of glans clitoris
EMAP:30212	crus of clitoris
EMAP:30733	surface epithelium of crus of clitoris
EMAP:30728	mesenchyme of crus of clitoris
EMAP:30702	prepuce of female
EMAP:30710	prepuce surface epithelium of female
EMAP:30714	preputial gland of female
EMAP:30706	prepuce mesenchyme of female
EMAP:30204	labial swelling (syn: labia)
EMAP:30442	surface epithelium of labial swelling
EMAP:30437	mesenchymal layer of labial swelling
EMAP:30220	inguinal canal
EMAP:30221	inguinal ring
EMAP:30223	internal (syn: deep)
EMAP:30222	external (syn: superficial)

TS27 Groups

'G' : Term is a group.

EMAP:30155	mouse
EMAP:30154	<ul style="list-style-type: none"> - organ system
EMAP:30153	<ul style="list-style-type: none"> -+ visceral organ
EMAP:30243	<ul style="list-style-type: none"> -+ urinary system
EMAP:30247	<ul style="list-style-type: none"> -+ metanephros (syn: kidney)
EMAP:30287	<ul style="list-style-type: none"> -+ renal cortex
EMAP:30253	<ul style="list-style-type: none"> -+ cortical renal tubule
EMAP:31824 G	<ul style="list-style-type: none"> -+ cortical renal tubule of capillary loop nephron GROUP
EMAP:31287	<ul style="list-style-type: none"> -+ anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:31642	<ul style="list-style-type: none"> -+ early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31707	<ul style="list-style-type: none"> -+ early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31627	<ul style="list-style-type: none"> -+ renal connecting tubule of capillary loop nephron
EMAP:31818 G	<ul style="list-style-type: none"> -+ cortical renal tubule of maturing nephron GROUP
EMAP:31621	<ul style="list-style-type: none"> -+ early distal tubule of maturing nephron
EMAP:31615	<ul style="list-style-type: none"> -+ early proximal tubule of maturing nephron
EMAP:31633	<ul style="list-style-type: none"> -+ renal connecting tubule of maturing nephron
EMAP:31793 G	<ul style="list-style-type: none"> -+ cortical renal tubule of mature nephron GROUP
EMAP:30262	<ul style="list-style-type: none"> -+ distal convoluted tubule (syn: second convoluted tubule)
EMAP:30258	<ul style="list-style-type: none"> -+ distal straight tubule (syn: thick ascending limb)
EMAP:31382	<ul style="list-style-type: none"> -+ premacula segment of distal straight tubule
EMAP:30260	<ul style="list-style-type: none"> -+ macula densa
EMAP:30259	<ul style="list-style-type: none"> -+ postmacula segment
EMAP:31636	<ul style="list-style-type: none"> -+ renal connecting tubule of mature nephron
EMAP:30256	<ul style="list-style-type: none"> -+ renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:30318 G	<ul style="list-style-type: none"> -+ early tubule
EMAP:30316	<ul style="list-style-type: none"> -+ renal vesicle (syn: epithelial vesicle; stage I nephron)
EMAP:31699	<ul style="list-style-type: none"> -+ renal connecting segment of renal vesicle
EMAP:31730	<ul style="list-style-type: none"> -+ distal renal vesicle
EMAP:31724	<ul style="list-style-type: none"> -+ proximal renal vesicle
EMAP:30303	<ul style="list-style-type: none"> -+ comma-shaped body
EMAP:30304	<ul style="list-style-type: none"> -+ upper limb of comma-shaped body (syn: distal limb of comma-shaped body)
EMAP:30305	<ul style="list-style-type: none"> -+ lower limb of comma-shaped body (syn: proximal limb of comma-shaped body)
EMAP:31716	<ul style="list-style-type: none"> -+ renal connecting segment of comma-shaped body
EMAP:30319	<ul style="list-style-type: none"> -+ s-shaped body (syn: stage II nephron)
EMAP:30324	<ul style="list-style-type: none"> -+ renal connecting tubule of s-shaped body
EMAP:30320	<ul style="list-style-type: none"> -+ distal segment of s-shaped body (syn: upper limb of s-shaped body)
EMAP:30325	<ul style="list-style-type: none"> -+ medial segment of s-shaped body (syn: mid-portion of s-shaped body)
EMAP:30321	<ul style="list-style-type: none"> -+ proximal segment of s-shaped body (syn: lower limb of s-shaped body)
EMAP:30322	<ul style="list-style-type: none"> -+ visceral epithelium
EMAP:30323	<ul style="list-style-type: none"> -+ parietal epithelium
EMAP:30317 G	<ul style="list-style-type: none"> -+ developing capillary loop stage nephron GROUP (syn: stage III nephron)
EMAP:30307	<ul style="list-style-type: none"> -+ capillary loop renal corpuscle (syn: renal corpuscle of the stage III nephron)
EMAP:30311	<ul style="list-style-type: none"> -+ associated interstitium of renal corpuscle
EMAP:30312	<ul style="list-style-type: none"> -+ parietal epithelium
EMAP:30310	<ul style="list-style-type: none"> -+ presumptive endothelium of renal corpuscle
EMAP:30309	<ul style="list-style-type: none"> -+ presumptive mesangium
EMAP:30308	<ul style="list-style-type: none"> -+ visceral epithelium (syn: podocyte layer)
EMAP:30253	<ul style="list-style-type: none"> -+ cortical renal tubule
EMAP:30254	<ul style="list-style-type: none"> -+ renal proximal tubule
EMAP:30255	<ul style="list-style-type: none"> -+ early proximal tubule
EMAP:31707	<ul style="list-style-type: none"> -+ early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31615	<ul style="list-style-type: none"> -+ early proximal tubule of maturing nephron
EMAP:30256	<ul style="list-style-type: none"> -+ renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:31287	<ul style="list-style-type: none"> -+ anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:30257	<ul style="list-style-type: none"> -+ renal distal tubule
EMAP:30261	<ul style="list-style-type: none"> -+ early distal tubule
EMAP:31642	<ul style="list-style-type: none"> -+ early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31621	<ul style="list-style-type: none"> -+ early distal tubule of maturing nephron
EMAP:30262	<ul style="list-style-type: none"> -+ distal convoluted tubule (syn: second convoluted tubule)
EMAP:30258	<ul style="list-style-type: none"> -+ distal straight tubule (syn: thick ascending limb)
EMAP:31382	<ul style="list-style-type: none"> -+ premacula segment of distal straight tubule
EMAP:30260	<ul style="list-style-type: none"> -+ macula densa
EMAP:30259	<ul style="list-style-type: none"> -+ postmacula segment
EMAP:30263	<ul style="list-style-type: none"> -+ renal connecting tubule
EMAP:31627	<ul style="list-style-type: none"> -+ renal connecting tubule of capillary loop nephron
EMAP:31633	<ul style="list-style-type: none"> -+ renal connecting tubule of maturing nephron
EMAP:31636	<ul style="list-style-type: none"> -+ renal connecting tubule of mature nephron
EMAP:31824	<ul style="list-style-type: none"> -+ cortical renal tubule of capillary loop nephron GROUP

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EMAP:31287			anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:31642			early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31707			early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31627			renal connecting tubule of capillary loop nephron
EMAP:31818			cortical renal tubule of maturing nephron GROUP
EMAP:31621			early distal tubule of maturing nephron
EMAP:31615			early proximal tubule of maturing nephron
EMAP:31633			renal connecting tubule of maturing nephron
EMAP:31793			cortical renal tubule of mature nephron GROUP
EMAP:30262			distal convoluted tubule (syn: second convoluted tubule)
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EMAP:31382			premacula segment of distal straight tubule
EMAP:30260			macula densa
EMAP:30259			postmacula segment
EMAP:31636			renal connecting tubule of mature nephron
EMAP:30256			renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:30306 G			- maturing nephron (syn: stage IV nephron)
EMAP:30264			maturing renal corpuscle (syn: renal corpuscle of Stage IV nephron)
EMAP:30268			maturing glomerular tuft (syn: maturing glomerulus)
EMAP:30271			glomerular capillary system of maturing glomerular tuft
EMAP:30270			glomerular mesangium
EMAP:30269			visceral epithelium (syn: podocyte layer)
EMAP:30971			glomerular basement membrane
EMAP:30272			Bowman's capsule (syn: glomerular capsule)
EMAP:30274			parietal epithelium
EMAP:30273			urinary space of renal corpuscle (syn: Bowman's space)
EMAP:30275			glomerular mesangium of Bowman's capsule
EMAP:30265			juxtaglomerular arteriole
EMAP:30266			afferent arteriole
EMAP:30267			efferent arteriole
EMAP:30253			cortical renal tubule
EMAP:30254			renal proximal tubule
EMAP:30255			early proximal tubule
EMAP:31707			early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31615			early proximal tubule of maturing nephron
EMAP:30256			renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:31287			anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:30257			renal distal tubule
EMAP:30261			early distal tubule
EMAP:31642			early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31621			early distal tubule of maturing nephron
EMAP:30262			distal convoluted tubule (syn: second convoluted tubule)
EMAP:30258			distal straight tubule (syn: thick ascending limb)
EMAP:31382			premacula segment of distal straight tubule
EMAP:30260			macula densa
EMAP:30259			postmacula segment
EMAP:30263			renal connecting tubule
EMAP:31627			renal connecting tubule of capillary loop nephron
EMAP:31633			renal connecting tubule of maturing nephron
EMAP:31636			renal connecting tubule of mature nephron
EMAP:31824			cortical renal tubule of capillary loop nephron GROUP
EMAP:31287			anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:31642			early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31707			early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31627			renal connecting tubule of capillary loop nephron
EMAP:31818			cortical renal tubule of maturing nephron GROUP
EMAP:31621			early distal tubule of maturing nephron
EMAP:31615			early proximal tubule of maturing nephron
EMAP:31633			renal connecting tubule of maturing nephron
EMAP:31793			cortical renal tubule of mature nephron GROUP
EMAP:30262			distal convoluted tubule (syn: second convoluted tubule)
EMAP:30258			distal straight tubule (syn: thick ascending limb)
EMAP:31382			premacula segment of distal straight tubule
EMAP:30260			macula densa
EMAP:30259			postmacula segment
EMAP:31636			renal connecting tubule of mature nephron
EMAP:30256			renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:30314 G			- late tubule
EMAP:30307			capillary loop renal corpuscle (syn: renal corpuscle of the stage III nephron)
EMAP:30311			associated interstitium of renal corpuscle
EMAP:30312			parietal epithelium
EMAP:30310			presumptive endothelium of renal corpuscle

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EMAP:30309				presumptive mesangium
EMAP:30308				visceral epithelium (syn: podocyte layer)
EMAP:30264				maturing renal corpuscle (syn: renal corpuscle of Stage IV nephron)
EMAP:30268				maturing glomerular tuft (syn: maturing glomerulus)
EMAP:30271				glomerular capillary system of maturing glomerular tuft
EMAP:30270				glomerular mesangium
EMAP:30269				visceral epithelium (syn: podocyte layer)
EMAP:30971				glomerular basement membrane
EMAP:30272				Bowman's capsule (syn: glomerular capsule)
EMAP:30274				parietal epithelium
EMAP:30273				urinary space of renal corpuscle (syn: Bowman's space)
EMAP:30275				glomerular mesangium of Bowman's capsule
EMAP:30265				juxtaglomerular arteriole
EMAP:30266				afferent arteriole
EMAP:30267				efferent arteriole
EMAP:30253				cortical renal tubule
EMAP:30254				renal proximal tubule
EMAP:30255				early proximal tubule
EMAP:31707				early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31615				early proximal tubule of maturing nephron
EMAP:30256				renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:31287				anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:30257				renal distal tubule
EMAP:30261				early distal tubule
EMAP:31642				early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31621				early distal tubule of maturing nephron
EMAP:30262				distal convoluted tubule (syn: second convoluted tubule)
EMAP:30258				distal straight tubule (syn: thick ascending limb)
EMAP:31382				premacula segment of distal straight tubule
EMAP:30260				macula densa
EMAP:30259				postmacula segment
EMAP:30263				renal connecting tubule
EMAP:31627				renal connecting tubule of capillary loop nephron
EMAP:31633				renal connecting tubule of maturing nephron
EMAP:31636				renal connecting tubule of mature nephron
EMAP:31824				cortical renal tubule of capillary loop nephron GROUP
EMAP:31287				anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:31642				early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31707				early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31627				renal connecting tubule of capillary loop nephron
EMAP:31818				cortical renal tubule of maturing nephron GROUP
EMAP:31621				early distal tubule of maturing nephron
EMAP:31615				early proximal tubule of maturing nephron
EMAP:31633				renal connecting tubule of maturing nephron
EMAP:31793				cortical renal tubule of mature nephron GROUP
EMAP:30262				distal convoluted tubule (syn: second convoluted tubule)
EMAP:30258				distal straight tubule (syn: thick ascending limb)
EMAP:31382				premacula segment of distal straight tubule
EMAP:30260				macula densa
EMAP:30259				postmacula segment
EMAP:31636				renal connecting tubule of mature nephron
EMAP:30256				renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:30452 G				juxtaglomerular complex
EMAP:30299				extraglomerular mesangium
EMAP:30260				macula densa
EMAP:30297				part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell)
EMAP:30334				renal medulla
EMAP:31498 G				Loop of Henle group
EMAP:30351				loop of Henle, outer medullary portion
EMAP:30353				thin descending limb
EMAP:30352				thin ascending limb (syn: ascending thin limb)
EMAP:30356				proximal straight tubule (syn: pars recta; segment 3 of proximal tubule)
EMAP:30354				premacula segment of distal straight tubule (syn: thick ascending limb)
EMAP:30339				loop of Henle, inner medullary portion
EMAP:30341				thin descending limb
EMAP:30340				bend (syn: U-turn)
EMAP:30342				thin ascending limb (syn: ascending thin limb)
EMAP:30361 G				early nephron GROUP (syn: early tubule)
EMAP:30253				cortical renal tubule
EMAP:30254				renal proximal tubule
EMAP:30255				early proximal tubule
EMAP:31707				early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)

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EMAP:31615				└ early proximal tubule of maturing nephron
EMAP:30256				└ renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:31287				- anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:30257				- renal distal tubule
EMAP:30261				└ early distal tubule
EMAP:31642				└ early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31621				└ early distal tubule of maturing nephron
EMAP:30262				└ distal convoluted tubule (syn: second convoluted tubule)
EMAP:30258				└ distal straight tubule (syn: thick ascending limb)
EMAP:31382				└ premacula segment of distal straight tubule
EMAP:30260				└ macula densa
EMAP:30259				└ postmacula segment
EMAP:30263				- renal connecting tubule
EMAP:31627				└ renal connecting tubule of capillary loop nephron
EMAP:31633				└ renal connecting tubule of maturing nephron
EMAP:31636				└ renal connecting tubule of mature nephron
EMAP:31824				- cortical renal tubule of capillary loop nephron GROUP
EMAP:31287				└ anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:31642				└ early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31707				└ early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31627				└ renal connecting tubule of capillary loop nephron
EMAP:31818				- cortical renal tubule of maturing nephron GROUP
EMAP:31621				└ early distal tubule of maturing nephron
EMAP:31615				└ early proximal tubule of maturing nephron
EMAP:31633				└ renal connecting tubule of maturing nephron
EMAP:31793				- cortical renal tubule of mature nephron GROUP
EMAP:30262				└ distal convoluted tubule (syn: second convoluted tubule)
EMAP:30258				└ distal straight tubule (syn: thick ascending limb)
EMAP:31382				└ premacula segment of distal straight tubule
EMAP:30260				└ macula densa
EMAP:30259				└ postmacula segment
EMAP:31636				└ renal connecting tubule of mature nephron
EMAP:30256				└ renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:30316				- renal vesicle (syn: epithelial vesicle; stage I nephron)
EMAP:31699				└ renal connecting segment of renal vesicle
EMAP:31730				└ distal renal vesicle
EMAP:31724				└ proximal renal vesicle
EMAP:30303				└ comma-shaped body
EMAP:30304				└ upper limb of comma-shaped body (syn: distal limb of comma-shaped body)
EMAP:30305				└ lower limb of comma-shaped body (syn: proximal limb of comma-shaped body)
EMAP:31716				└ renal connecting segment of comma-shaped body
EMAP:30319				- s-shaped body (syn: stage II nephron)
EMAP:30324				└ renal connecting tubule of s-shaped body
EMAP:30320				└ distal segment of s-shaped body (syn: upper limb of s-shaped body)
EMAP:30325				└ medial segment of s-shaped body (syn: mid-portion of s-shaped body)
EMAP:30321				└ proximal segment of s-shaped body (syn: lower limb of s-shaped body)
EMAP:30322				└ visceral epithelium
EMAP:30323				└ parietal epithelium
EMAP:30307				- capillary loop renal corpuscle (syn: renal corpuscle of the stage III nephron)
EMAP:30311				└ associated interstitium of renal corpuscle
EMAP:30312				└ parietal epithelium
EMAP:30310				└ presumptive endothelium of renal corpuscle
EMAP:30309				└ presumptive mesangium
EMAP:30308				└ visceral epithelium (syn: podocyte layer)
EMAP:30264				- maturing renal corpuscle (syn: renal corpuscle of Stage IV nephron)
EMAP:30268				└ maturing glomerular tuft (syn: maturing glomerulus)
EMAP:30271				└ glomerular capillary system of maturing glomerular tuft
EMAP:30270				└ glomerular mesangium
EMAP:30269				└ visceral epithelium (syn: podocyte layer)
EMAP:30971				└ glomerular basement membrane
EMAP:30272				└ Bowman's capsule (syn: glomerular capsule)
EMAP:30274				└ parietal epithelium
EMAP:30273				└ urinary space of renal corpuscle (syn: Bowman's space)
EMAP:30275				└ glomerular mesangium of Bowman's capsule
EMAP:30265				└ juxtaglomerular arteriole
EMAP:30266				└ afferent arteriole
EMAP:30267				└ efferent arteriole
EMAP:30289				- mature renal corpuscle (syn: Malpighian corpuscle)
EMAP:30291				└ glomerular tuft (syn: glomerulus)
EMAP:30294				└ glomerular capillary system
EMAP:30295				└ glomerular mesangium
EMAP:30293				└ glomerular basement membrane

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EMAP:30292			└ visceral epithelium (syn: podocyte layer)
EMAP:30300			Bowman's capsule (syn: glomerular capsule)
EMAP:30301			└ parietal epithelium
EMAP:30302			└ urinary space of renal corpuscle (syn: Bowman's space)
EMAP:30296			afferent arteriole
EMAP:30297			└ part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell)
EMAP:30298			└ rest of afferent arteriole
EMAP:30290			efferent arteriole
EMAP:30299			└ extraglomerular mesangium
EMAP:30288 G			mature nephron
EMAP:30253			└ cortical renal tubule
EMAP:30254			└ renal proximal tubule
EMAP:30255			└ early proximal tubule
EMAP:31707			└ early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31615			└ early proximal tubule of maturing nephron
EMAP:30256			└ renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:31287			└ anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:30257			└ renal distal tubule
EMAP:30261			└ early distal tubule
EMAP:31642			└ early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31621			└ early distal tubule of maturing nephron
EMAP:30262			└ distal convoluted tubule (syn: second convoluted tubule)
EMAP:30258			└ distal straight tubule (syn: thick ascending limb)
EMAP:31382			└ premacula segment of distal straight tubule
EMAP:30260			└ macula densa
EMAP:30259			└ postmacula segment
EMAP:30263			└ renal connecting tubule
EMAP:31627			└ renal connecting tubule of capillary loop nephron
EMAP:31633			└ renal connecting tubule of maturing nephron
EMAP:31636			└ renal connecting tubule of mature nephron
EMAP:31824			└ cortical renal tubule of capillary loop nephron GROUP
EMAP:31287			└ anlage of loop of Henle (syn: primitive loop of Henle)
EMAP:31642			└ early distal tubule of capillary loop nephron (syn: anlage of distal tubule)
EMAP:31707			└ early proximal tubule of capillary loop nephron (syn: anlage of proximal tubule)
EMAP:31627			└ renal connecting tubule of capillary loop nephron
EMAP:31818			└ cortical renal tubule of maturing nephron GROUP
EMAP:31621			└ early distal tubule of maturing nephron
EMAP:31615			└ early proximal tubule of maturing nephron
EMAP:31633			└ renal connecting tubule of maturing nephron
EMAP:31793			└ cortical renal tubule of mature nephron GROUP
EMAP:30262			└ distal convoluted tubule (syn: second convoluted tubule)
EMAP:30258			└ distal straight tubule (syn: thick ascending limb)
EMAP:31382			└ premacula segment of distal straight tubule
EMAP:30260			└ macula densa
EMAP:30259			└ postmacula segment
EMAP:31636			└ renal connecting tubule of mature nephron
EMAP:30256			└ renal proximal convoluted tubule (syn: first convoluted tubule)
EMAP:31498			└ Loop of Henle group
EMAP:30351			└ loop of Henle, outer medullary portion
EMAP:30353			└ thin descending limb
EMAP:30352			└ thin ascending limb (syn: ascending thin limb)
EMAP:30356			└ proximal straight tubule (syn: pars recta; segment 3 of proximal tubule)
EMAP:30354			└ premacula segment of distal straight tubule (syn: thick ascending limb)
EMAP:30339			└ loop of Henle, inner medullary portion
EMAP:30341			└ thin descending limb
EMAP:30340			└ bend (syn: U-turn)
EMAP:30342			└ thin ascending limb (syn: ascending thin limb)
EMAP:30289			└ mature renal corpuscle (syn: Malpighian corpuscle)
EMAP:30291			└ glomerular tuft (syn: glomerulus)
EMAP:30294			└ glomerular capillary system
EMAP:30295			└ glomerular mesangium
EMAP:30293			└ glomerular basement membrane
EMAP:30292			└ visceral epithelium (syn: podocyte layer)
EMAP:30300			└ Bowman's capsule (syn: glomerular capsule)
EMAP:30301			└ parietal epithelium
EMAP:30302			└ urinary space of renal corpuscle (syn: Bowman's space)
EMAP:30296			└ afferent arteriole
EMAP:30297			└ part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell)
EMAP:30298			└ rest of afferent arteriole
EMAP:30290			└ efferent arteriole
EMAP:30299			└ extraglomerular mesangium
EMAP:30280 G			└ collecting duct (syn: ureteric tree)

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EMAP:30248		ureteric tip (syn: ureteric ampulla)
EMAP:31052		ureteric tree terminal branch excluding tip itself
EMAP:30286		ureteric trunk
EMAP:30281		cortical collecting duct
EMAP:30349		outer medullary collecting duct
EMAP:30336		inner medullary collecting duct (syn: papillary collecting duct)
EMAP:30286 G		ureteric trunk
EMAP:30281		cortical collecting duct
EMAP:30349		outer medullary collecting duct
EMAP:30336		inner medullary collecting duct (syn: papillary collecting duct)
EMAP:30362 G		renal interstitium group
EMAP:30283		nephrogenic interstitium (syn: peripheral blastema)
EMAP:30311		associated interstitium of renal corpuscle
EMAP:30309		presumptive mesangium
EMAP:30270		glomerular mesangium
EMAP:30295		glomerular mesangium
EMAP:30299		extraglomerular mesangium
EMAP:30315		renal cortical interstitium (syn: cortical stroma)
EMAP:31294		renal cortical fibroblasts
EMAP:31302		resident macrophages of the cortex (syn: renal monocytes of the cortex)
EMAP:31310		rest of renal cortical interstitium
EMAP:31459		renal medullary interstitium (syn: medullary stroma)
EMAP:31331		renal medullary fibroblasts
EMAP:31338		resident macrophages of the medulla (syn: renal monocytes of the medulla)
EMAP:31345		rest of renal medullary interstitium
EMAP:30350		outer medullary interstitium
EMAP:31387		outer medullary fibroblast
EMAP:31392		resident macrophage of the outer medulla (syn: renal monocytes of the outer medulla)
EMAP:31397		rest of outer medullary interstitium
EMAP:30337		inner medullary interstitium (syn: papillary interstitium)
EMAP:31402		inner medullary fibroblast
EMAP:31407		resident macrophage of the inner medulla (syn: renal monocytes of the inner medulla)
EMAP:30279		perihilar interstitium
EMAP:31365		perihilar fibroblast
EMAP:31371		resident macrophage of the perihilar interstitium (syn: renal monocytes of the perihilar interstitium)
EMAP:31377		rest of perihilar interstitium
EMAP:31474 G		small blood vessels
EMAP:30327		renal cortical capillary
EMAP:30290		efferent arteriole
EMAP:30358		renal medullary arterial system
EMAP:30296		afferent arteriole
EMAP:30297		part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell)
EMAP:30298		rest of afferent arteriole
EMAP:30294		glomerular capillary system
EMAP:30271		glomerular capillary system of maturing glomerular tuft
EMAP:30359		renal medullary capillary (syn: vasa recta)
EMAP:30360		renal medullary venous system
EMAP:31448 G		renal capillaries
EMAP:30294		glomerular capillary system
EMAP:30327		renal cortical capillary
EMAP:30359		renal medullary capillary (syn: vasa recta)
EMAP:31775 G		developing vasculature of urinary system GROUP
EMAP:30417		renal vasculature
EMAP:30294		glomerular capillary system
EMAP:30271		glomerular capillary system of maturing glomerular tuft
EMAP:30265		juxtaglomerular arteriole
EMAP:30266		afferent arteriole
EMAP:30267		efferent arteriole
EMAP:30310		presumptive endothelium of renal corpuscle
EMAP:30244		renal artery
EMAP:30245		endothelial layer of renal artery
EMAP:30465		endothelium of renal artery
EMAP:30246		smooth muscle layer of renal artery
EMAP:30404		renal vein
EMAP:30405		endothelial layer of renal vein
EMAP:30466		endothelium of renal vein
EMAP:30406		smooth muscle layer of renal vein
EMAP:30359		renal medullary capillary (syn: vasa recta)
EMAP:30330		interlobular artery
EMAP:30329		arcuate artery
EMAP:30296		afferent arteriole
EMAP:30297		part of afferent arteriole forming the juxtaglomerular complex (syn: renin-producing cell)

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EMAP:30298			└ rest of afferent arteriole
EMAP:30333			└ interlobular vein
EMAP:30332			└ arcuate vein
EMAP:30858			└ ureteral vasculature
EMAP:30417 G			└ renal vasculature
EMAP:30294			└ glomerular capillary system
EMAP:30271			└ glomerular capillary system of maturing glomerular tuft
EMAP:30265			└ juxtapaglomerular arteriole
EMAP:30266			└ afferent arteriole
EMAP:30267			└ efferent arteriole
EMAP:30310			└ presumptive endothelium of renal corpuscle
EMAP:30244			└ renal artery
EMAP:30245			└ endothelial layer of renal artery
EMAP:30465			└ endothelium of renal artery
EMAP:30246			└ smooth muscle layer of renal artery
EMAP:30404			└ renal vein
EMAP:30405			└ endothelial layer of renal vein
EMAP:30466			└ endothelium of renal vein
EMAP:30406			└ smooth muscle layer of renal vein
EMAP:30359			└ renal medullary capillary (syn: vasa recta)
EMAP:30330			└ interlobular artery
EMAP:30329			└ arcuate artery
EMAP:30296			└ afferent arteriole
EMAP:30297			└ part of afferent arteriole forming the juxtapaglomerular complex (syn: renin-producing cell)
EMAP:30298			└ rest of afferent arteriole
EMAP:30333			└ interlobular vein
EMAP:30332			└ arcuate vein
EMAP:31441 G			└ renal arterial system
EMAP:30244			└ renal artery
EMAP:30245			└ endothelial layer of renal artery
EMAP:30465			└ endothelium of renal artery
EMAP:30246			└ smooth muscle layer of renal artery
EMAP:30330			└ interlobular artery
EMAP:30329			└ arcuate artery
EMAP:30358			└ renal medullary arterial system
EMAP:31455 G			└ renal venous system
EMAP:30404			└ renal vein
EMAP:30405			└ endothelial layer of renal vein
EMAP:30466			└ endothelium of renal vein
EMAP:30406			└ smooth muscle layer of renal vein
EMAP:30333			└ interlobular vein
EMAP:30332			└ arcuate vein
EMAP:30296			└ afferent arteriole
EMAP:30297			└ part of afferent arteriole forming the juxtapaglomerular complex (syn: renin-producing cell)
EMAP:30298			└ rest of afferent arteriole
EMAP:30290			└ efferent arteriole
EMAP:30360			└ renal medullary venous system
EMAP:31811 G			└ nerves of urethra GROUP
EMAP:31799			└ nerve of pelvic urethra of female
EMAP:31789			└ nerve of pelvic urethra of male
EMAP:31740			└ nerve of phallic urethra of female
EMAP:31805			└ nerve of phallic urethra of male
EMAP:30156			└ reproductive system
EMAP:30157			└ male reproductive system
EMAP:30199			└ epididymis
EMAP:31008 G			└ epithelium of epididymis
EMAP:30615			└ epithelium of caput of epididymis
EMAP:30603			└ epithelium of corpus epididymis
EMAP:30591			└ epithelium of cauda of epididymis
EMAP:31016 G			└ muscle layer of epididymis
EMAP:30619			└ muscle layer of caput of epididymis
EMAP:30607			└ muscle layer of corpus of epididymis
EMAP:30595			└ muscle layer of cauda of epididymis
EMAP:31012 G			└ adventitia of epididymis
EMAP:30623			└ adventitia of caput of epididymis
EMAP:30611			└ adventitia of corpus of epididymis
EMAP:30599			└ adventitia of cauda of epididymis
EMAP:31239 G			└ developing vasculature system of epididymis
EMAP:31208			└ developing vasculature of caput epididymis
EMAP:31203			└ developing vasculature of corpus epididymis
EMAP:31198			└ developing vasculature of cauda epididymis
EMAP:30982 G			└ male external genitalia

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EMAP:30161		- penis (syn: genital tubercle of male)
EMAP:30162		- glans penis
EMAP:30649		- surface epithelium of glans penis
EMAP:30645		- mesenchyme of glans penis
EMAP:30164		- crus penis
EMAP:30671		- surface epithelium of crus penis
EMAP:30667		- mesenchyme of crus penis
EMAP:30163		- prepuce of male
EMAP:30658		- prepuce surface epithelium of male
EMAP:30662		- preputial gland of male
EMAP:30653		- prepuce mesenchyme of male
EMAP:30736		- scrotal fold
EMAP:30742		- scrotal fold mesenchyme of male
EMAP:30739		- scrotal fold surface epithelium of male
EMAP:30203		- female reproductive system
EMAP:30224		- ovary
EMAP:31062 G		- ovigerous cord
EMAP:31033		- meiotic oocytes
EMAP:31039		- pre-granulosa cell
EMAP:30236		- vagina
EMAP:30995 G		- epithelium of vagina
EMAP:30238		- epithelial layer of lower part of vagina
EMAP:30241		- epithelial layer of upper part of vagina
EMAP:31001 G		- muscular layer of vagina
EMAP:30239		- muscular layer of lower part of vagina
EMAP:30242		- muscular layer of upper part of vagina
EMAP:31233 G		- developing vasculature of vagina
EMAP:31228		- developing vasculature of lower part of vagina
EMAP:31223		- developing vasculature of upper part of vagina
EMAP:30989 G		- female external genitalia
EMAP:30211		- genital tubercle of female (syn: clitoris anlage)
EMAP:30213		- glans clitoris
EMAP:30723		- surface epithelium of glans clitoris
EMAP:30718		- mesenchyme of glans clitoris
EMAP:30212		- crus of clitoris
EMAP:30733		- surface epithelium of crus of clitoris
EMAP:30728		- mesenchyme of crus of clitoris
EMAP:30702		- prepuce of female
EMAP:30710		- prepuce surface epithelium of female
EMAP:30714		- preputial gland of female
EMAP:30706		- prepuce mesenchyme of female
EMAP:30204		- labial swelling (syn: labia)
EMAP:30442		- surface epithelium of labial swelling
EMAP:30437		- mesenchymal layer of labial swelling
EMAP:31784 G		- developing vasculature of reproductive system GROUP
EMAP:30231		- developing vasculature of ovary
EMAP:30172		- developing vasculature of the testis
EMAP:30173		- coelomic vessel
EMAP:30174		- interstitial vessel
EMAP:31467 G		- large blood vessels
EMAP:30329		- arcuate artery
EMAP:30332		- arcuate vein
EMAP:30330		- interlobular artery
EMAP:30333		- interlobular vein